



HIV Epidemiology in North Carolina 2016

September 2017

North Carolina Division of Public Health/Epidemiology Section/Communicable Disease Branch

HIV/STD/Hepatitis Surveillance Unit



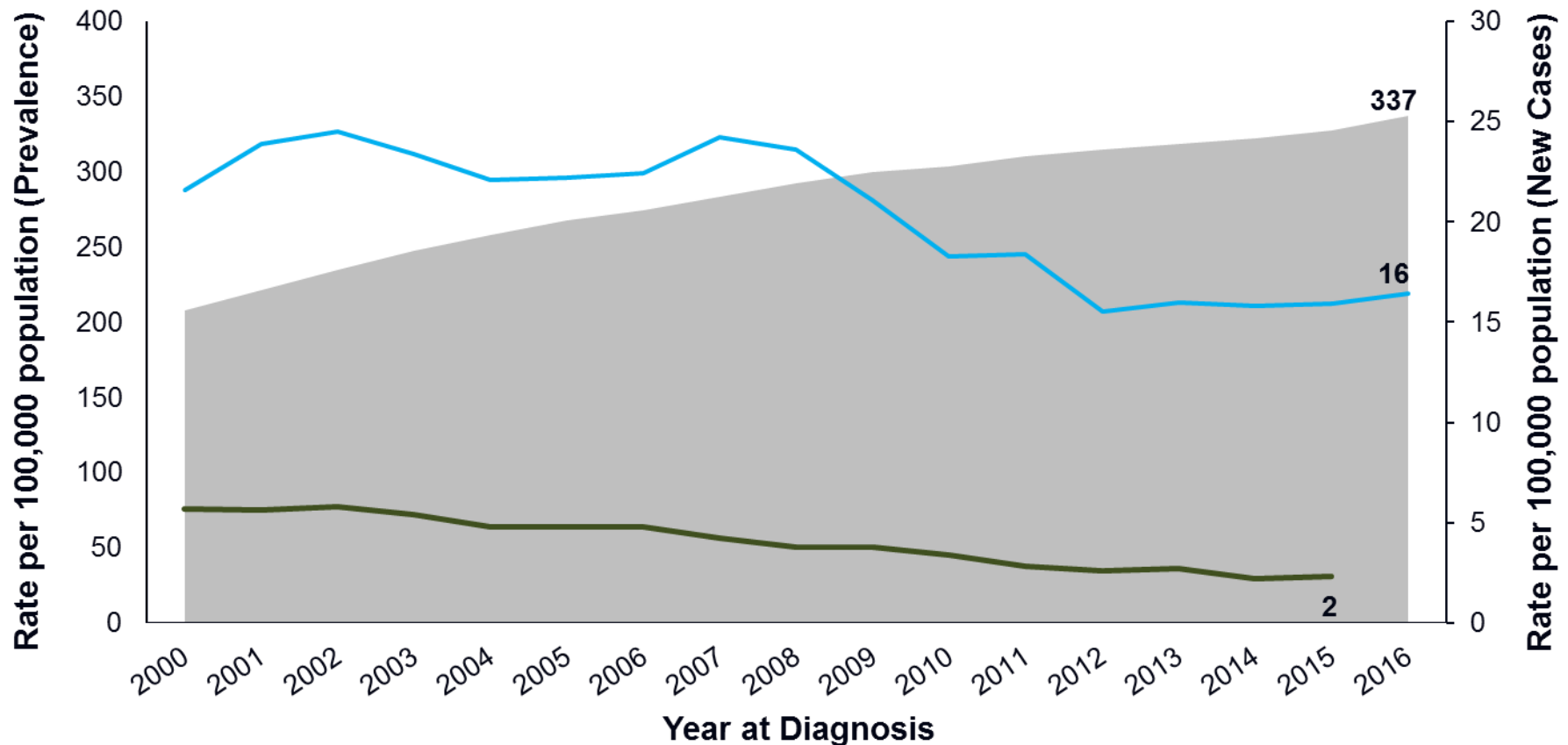
HIV PREVELANCE IN NORTH CAROLINA, 2016



North Carolina
Public Health

North Carolina HIV Infection Rates by Year of Diagnosis, 2000-2016

Prevalence* New Diagnosed** Death Rate



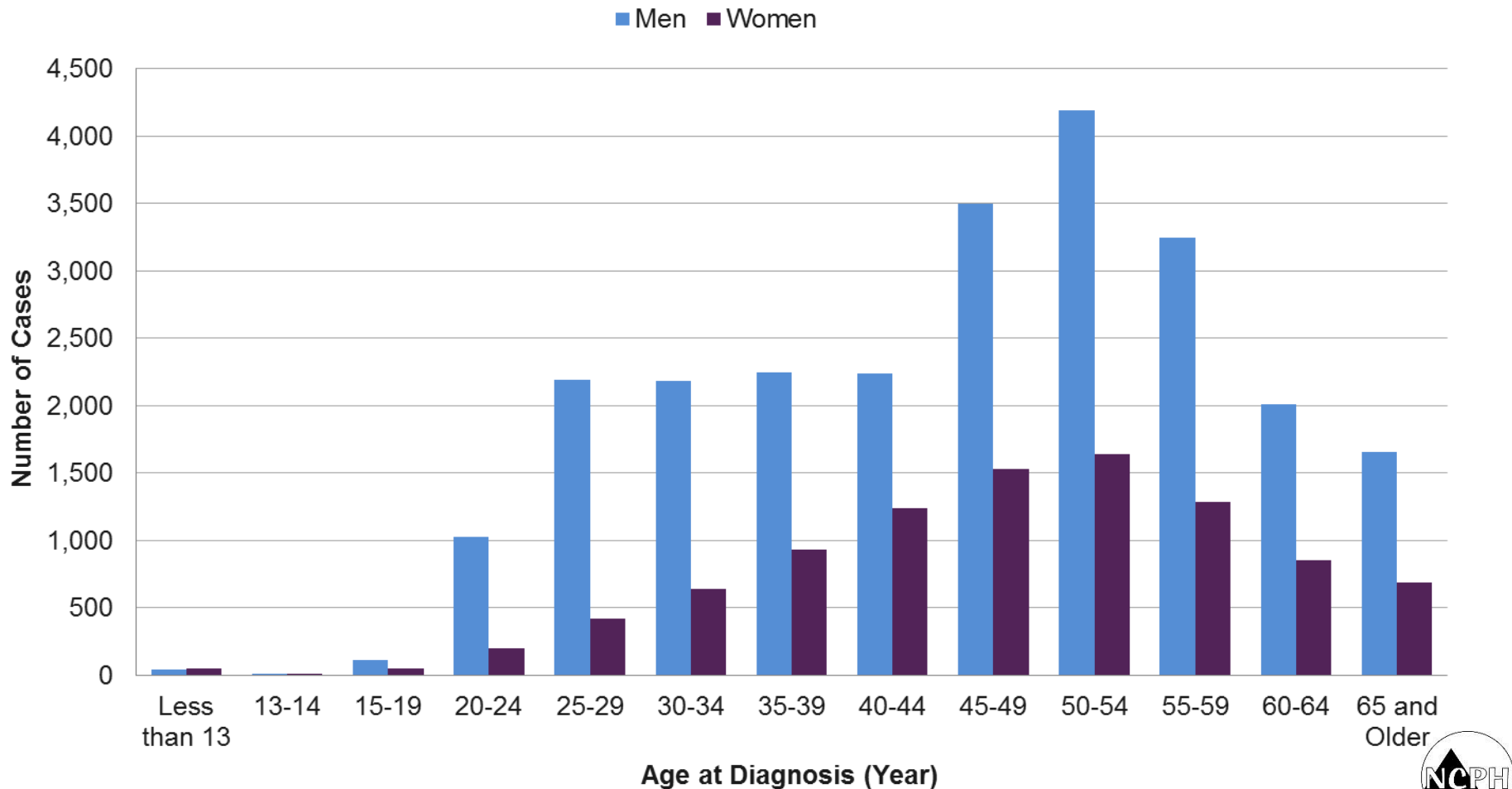
*Based on most recent address in eHARS as of December 31 of the given year.

**New cases are only among adults and adolescents (13 years and older).

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2017) and North Carolina Vital Statistics, Volume 2: Leading Causes of Death 2000-2015.



Age Distribution of People Diagnosed with HIV and Living in NC*in 2016

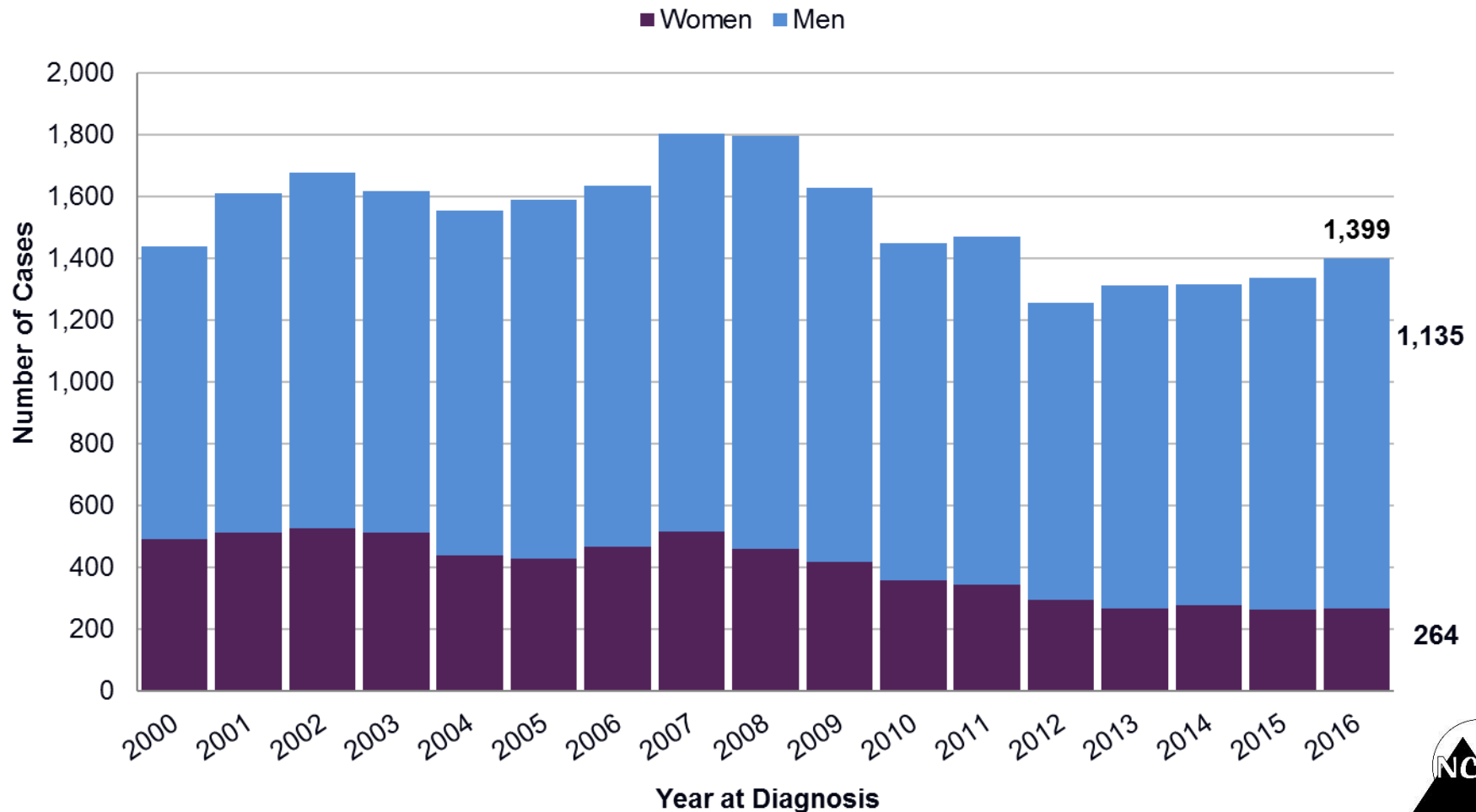


*Based on most recent address in eHARS as of December 31, 2016
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2017).

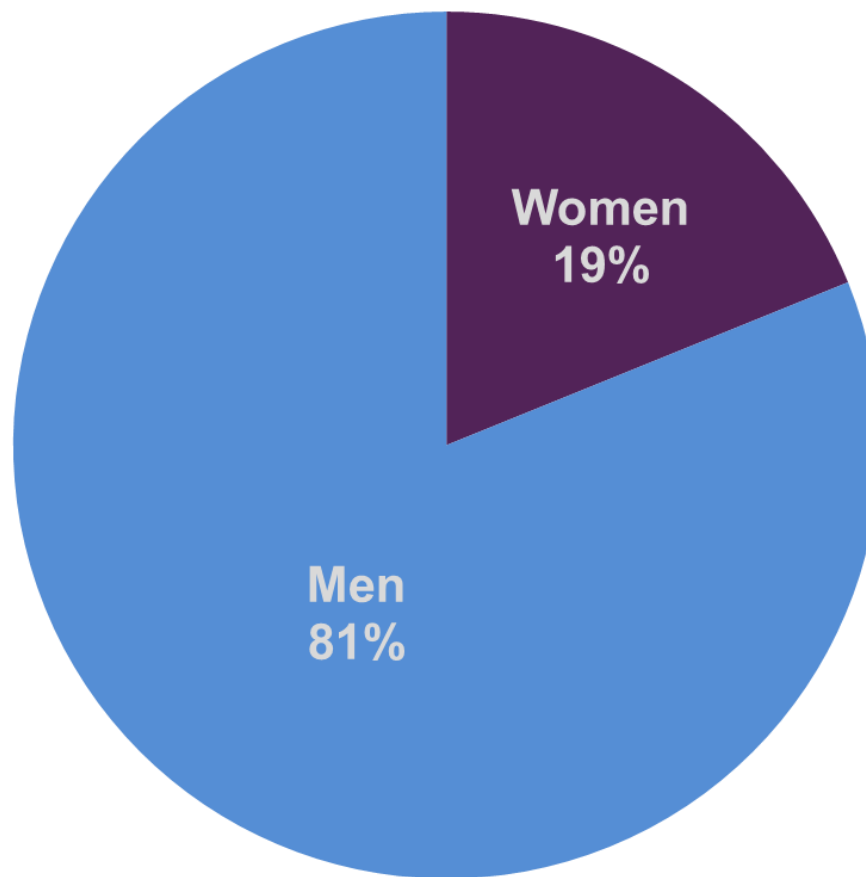
NEWLY DIAGNOSED HIV IN NORTH CAROLINA 2016



Newly Diagnosed HIV among Adult/ Adolescents (13 years and older) by Gender North Carolina, 2000-2016

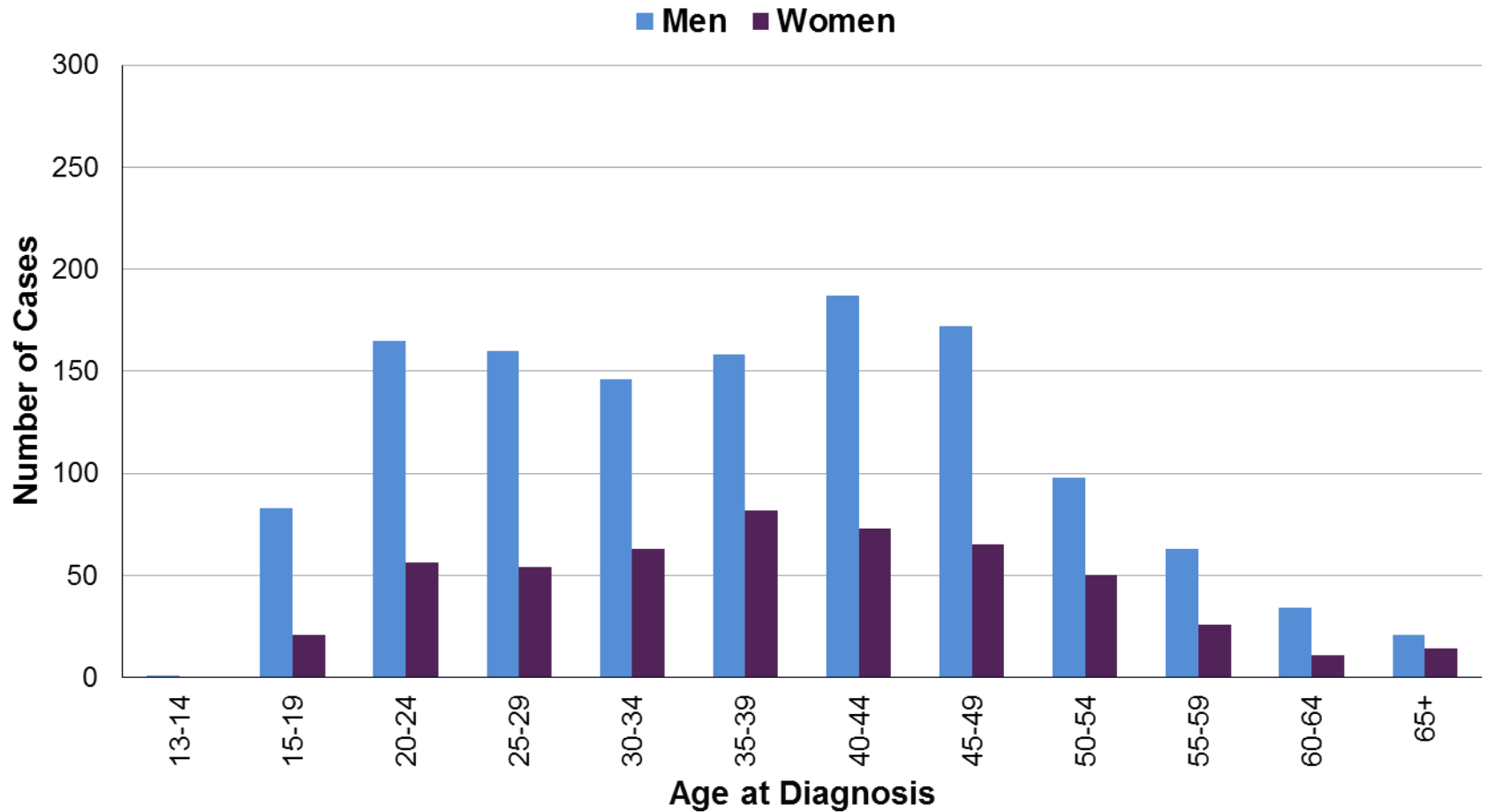


Gender Distribution of Newly Diagnosed Adult/Adolescent (13 years and older) HIV North Carolina, 2016

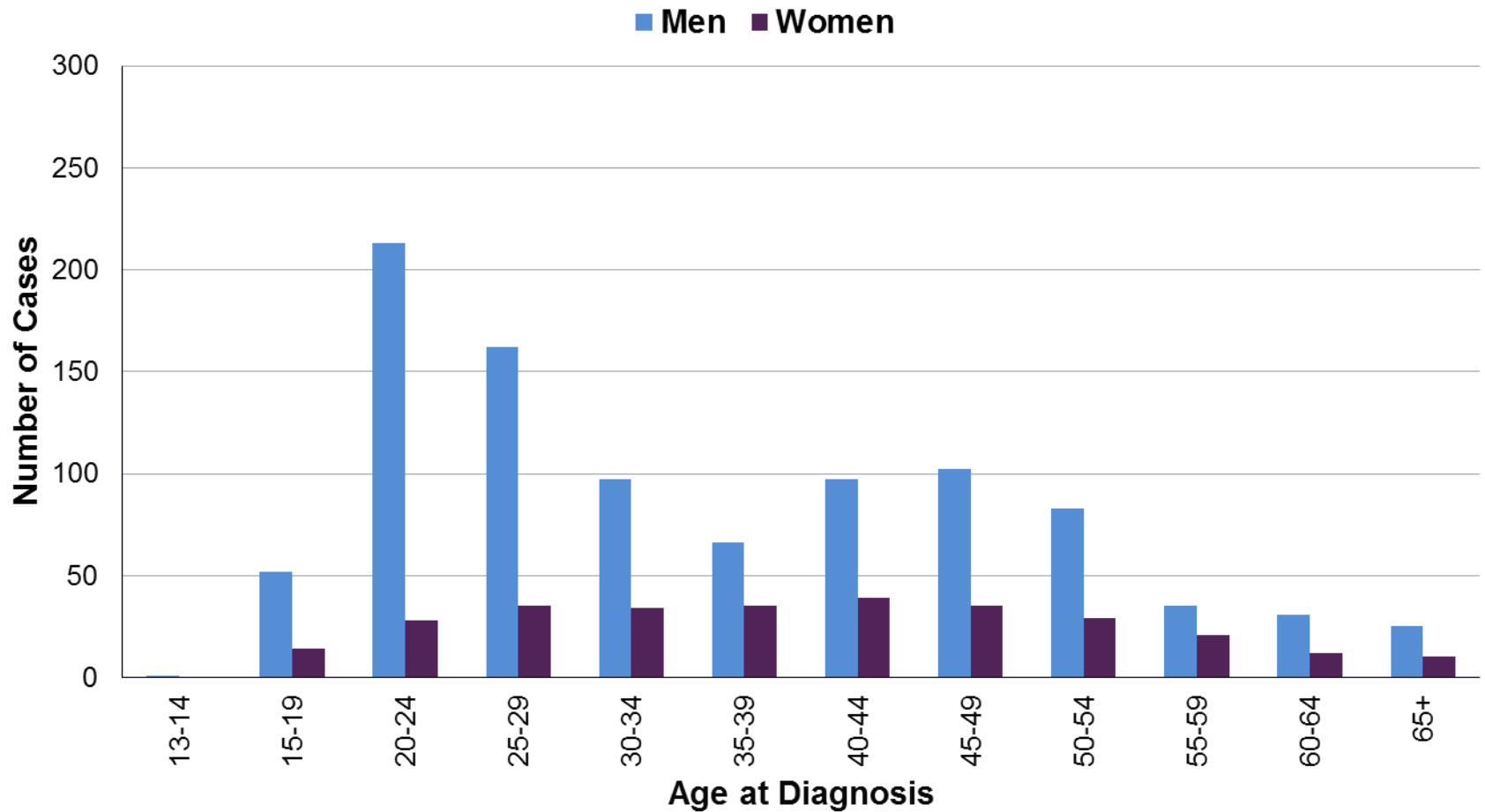


Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2017).

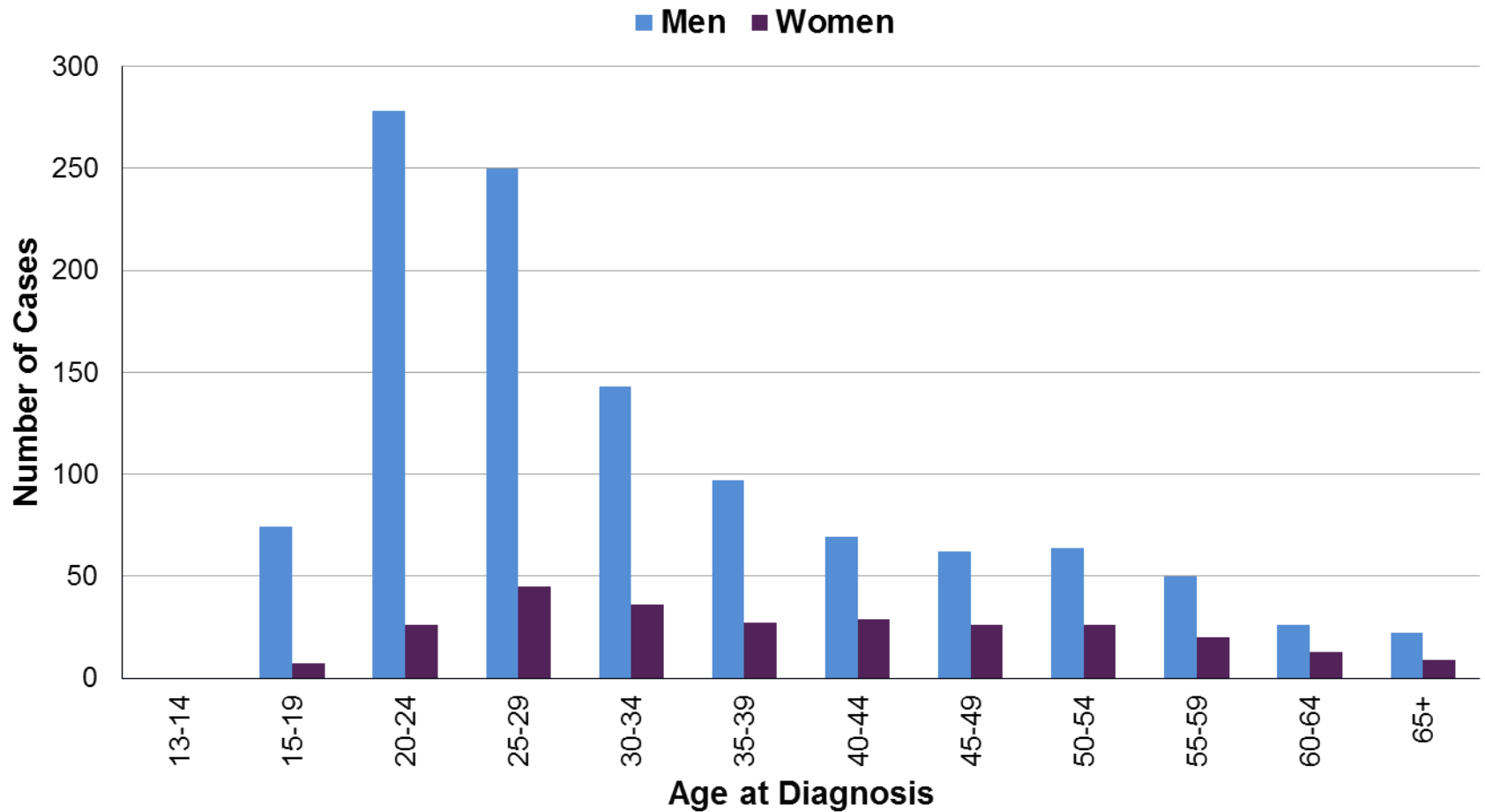
Age Distribution of Newly Diagnosed Adult/Adolescents (13 years and older) HIV by Gender in North Carolina, 2007



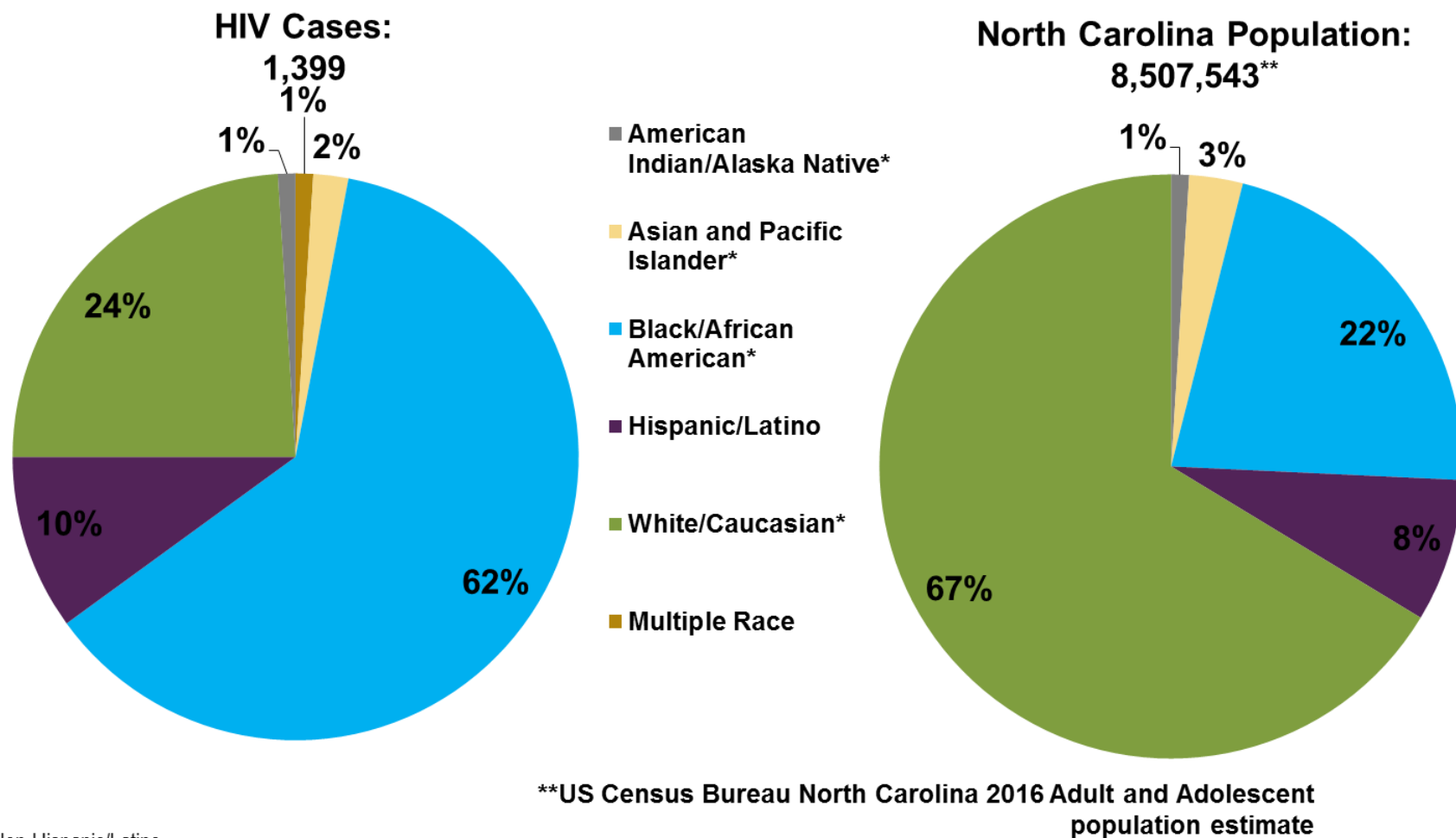
Age Distribution of Newly Diagnosed Adult/Adolescents (13 years and older) HIV by Gender in North Carolina, 2012



Age Distribution of Newly Diagnosed Adult/Adolescents (13 years and older) HIV by Gender in North Carolina, 2016



Newly Diagnosed HIV Cases among Adults/Adolescents (13 years and older) by Race/Ethnicity North Carolina 2016 vs North Carolina Population 2016

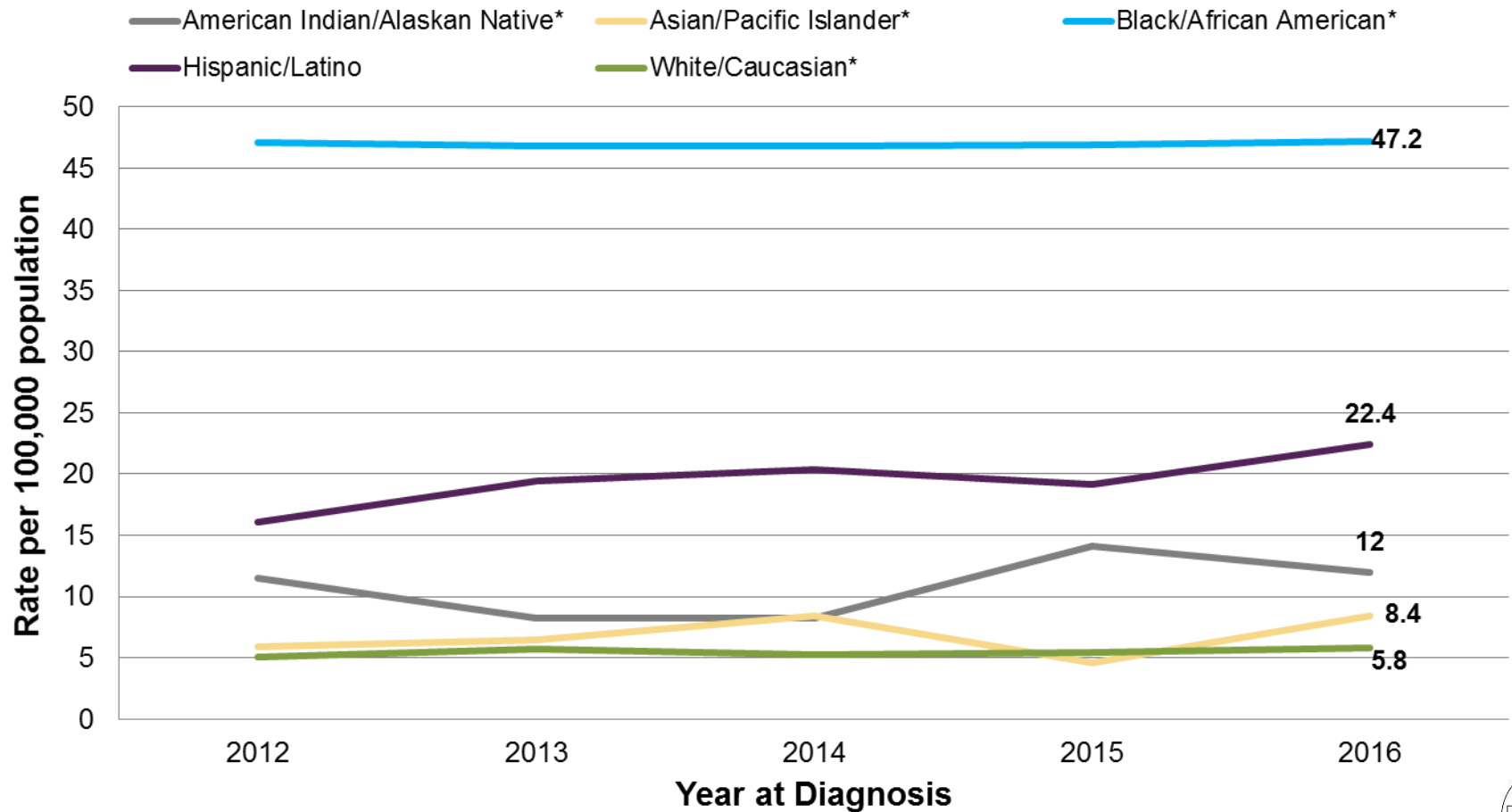


****US Census Bureau North Carolina 2016 Adult and Adolescent population estimate**

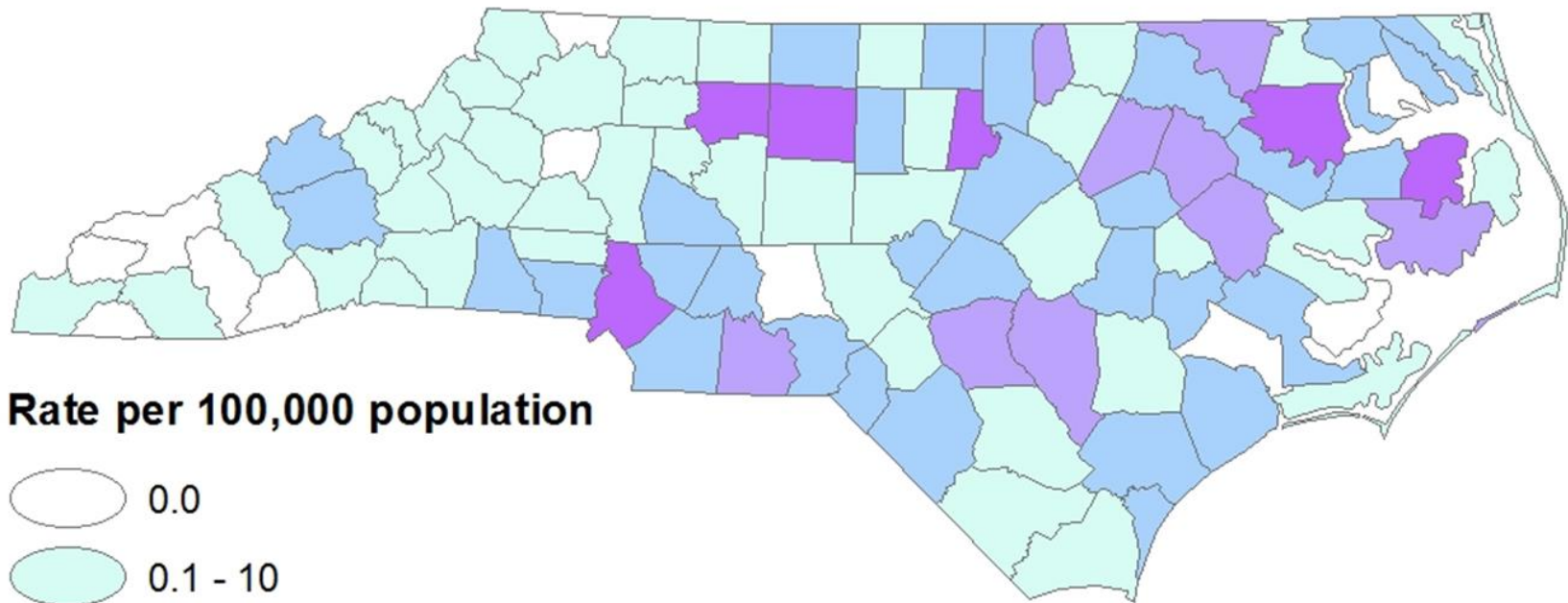
*Non-Hispanic/Latino.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2017).

Newly Diagnosed HIV Rates among Adult/Adolescents (13 years and older) by Race/Ethnicity, 2012-2016



Newly Diagnosed HIV Rates by County North Carolina, 2016



Rate per 100,000 population

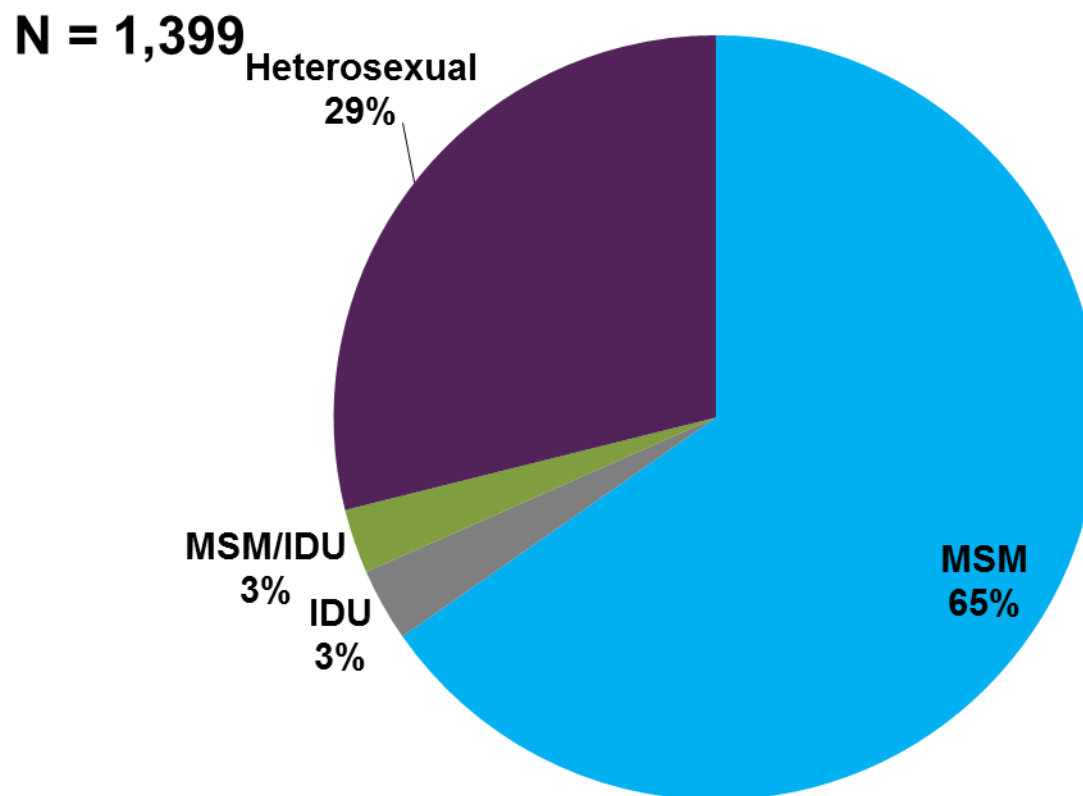


HIV EXPOSURE (HIERARCHICAL RISK)



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Hierarchical Risk[^] for HIV Exposure among Newly Diagnosed HIV Rates among Adults and Adolescents (13 years and older) North Carolina 2016

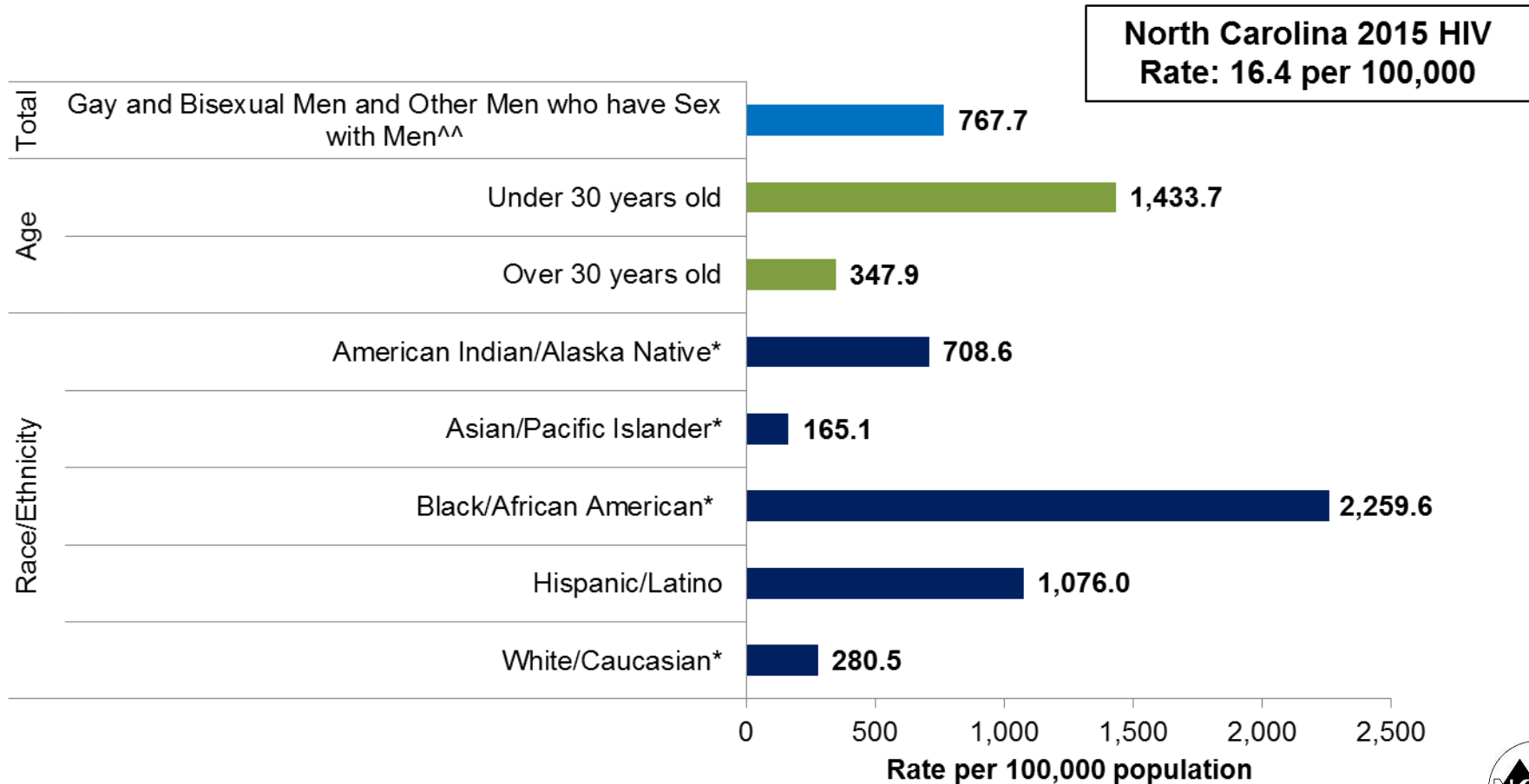


[^]Unknown risk has been redistributed.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2017).

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Estimated HIV Exposure Rates among Newly Diagnosed Adults and Adolescent (13 years and older) Gay and Bisexual Men and Other Men who have Sex with Men^ in North Carolina 2016



^Unknown risk has been redistributed. People who were classified as MSM and IDU were excluded.

^^Grey et al (2016). JMIR Public Health Surveill; 2(1): e14. <https://publichealth.jmir.org/2016/1/e14/>

*Non-Hispanic/Latino.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2017).

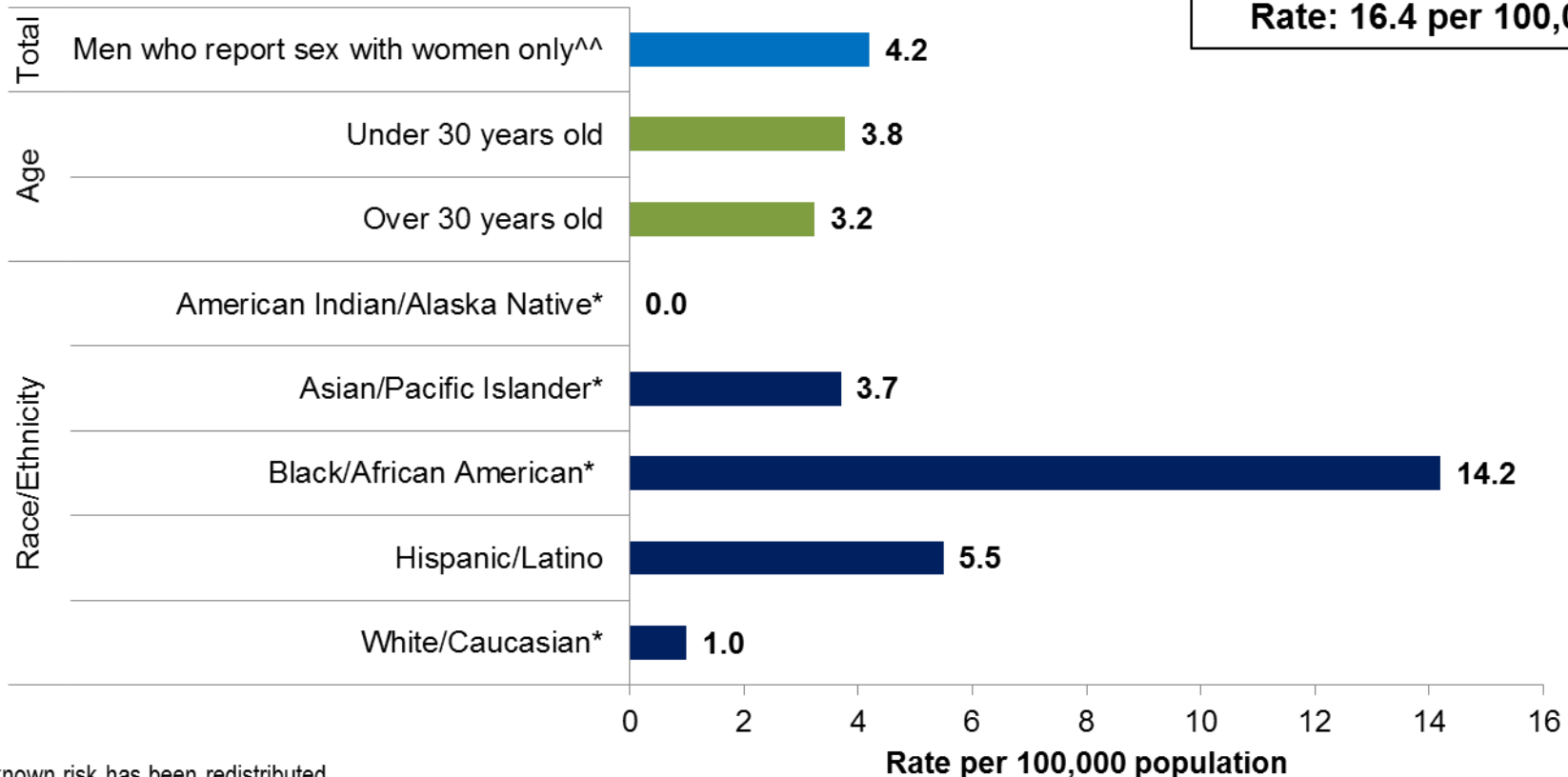
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Estimated HIV Exposure Rates among Newly Diagnosed Adults and Adolescents (13 years and older) Heterosexual Men[^] in North Carolina 2016

North Carolina 2015 HIV
Rate: 16.4 per 100,000



[^]Unknown risk has been redistributed.

^{^^}Rates among heterosexual men are based on an estimated population in North Carolina. Grey et al (2016). JMIR Public Health Surveill; 2(1): e14. <https://publichealth.jmir.org/2016/1/e14/>. People exposed to HIV through injection drug use (IDU) are excluded.

*Non-Hispanic/Latino.

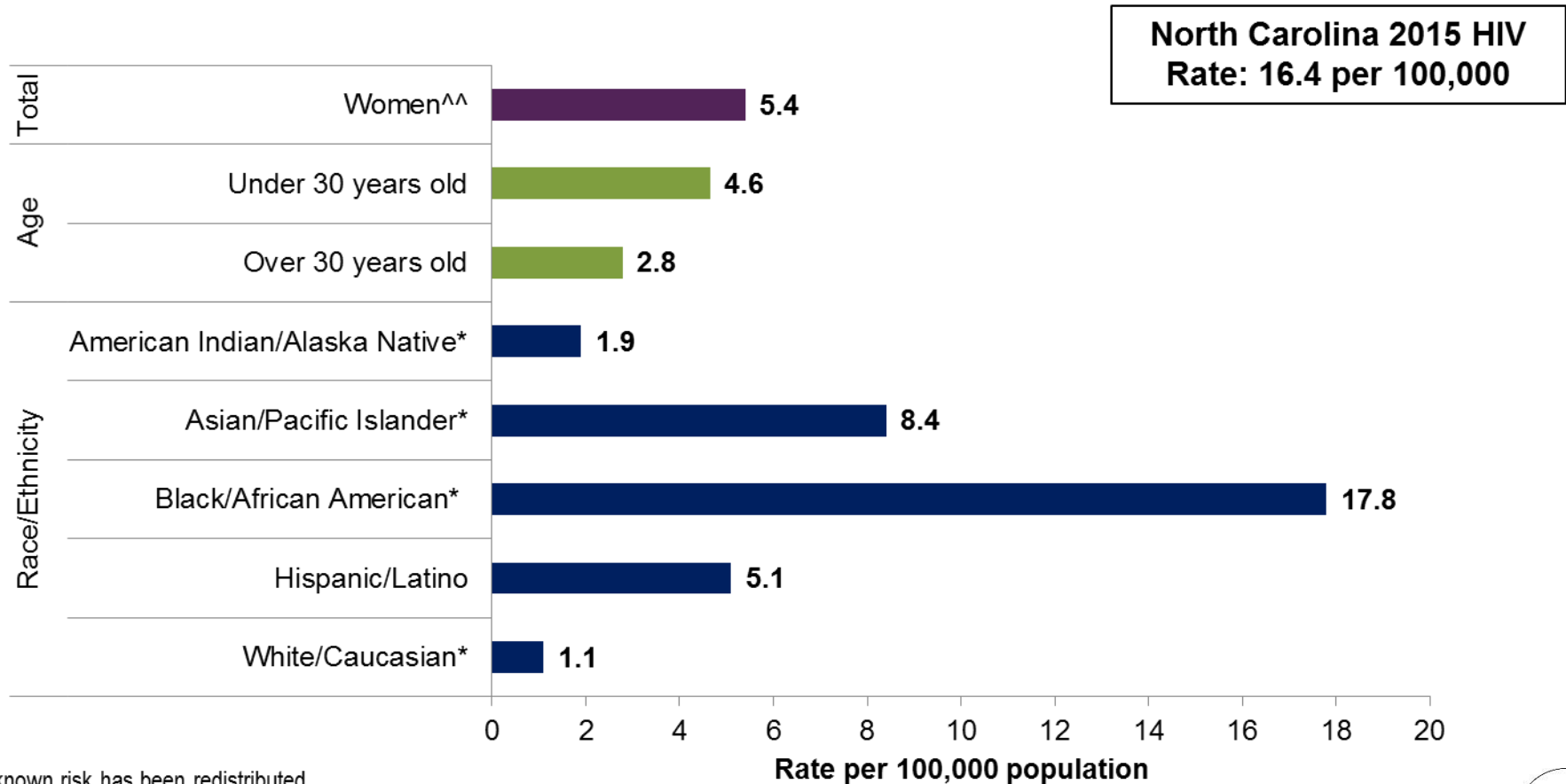
Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2017).

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Estimated HIV Exposure Rates among Newly Diagnosed Adults and Adolescents (13 years and older) Heterosexual Women[^] in North Carolina 2016



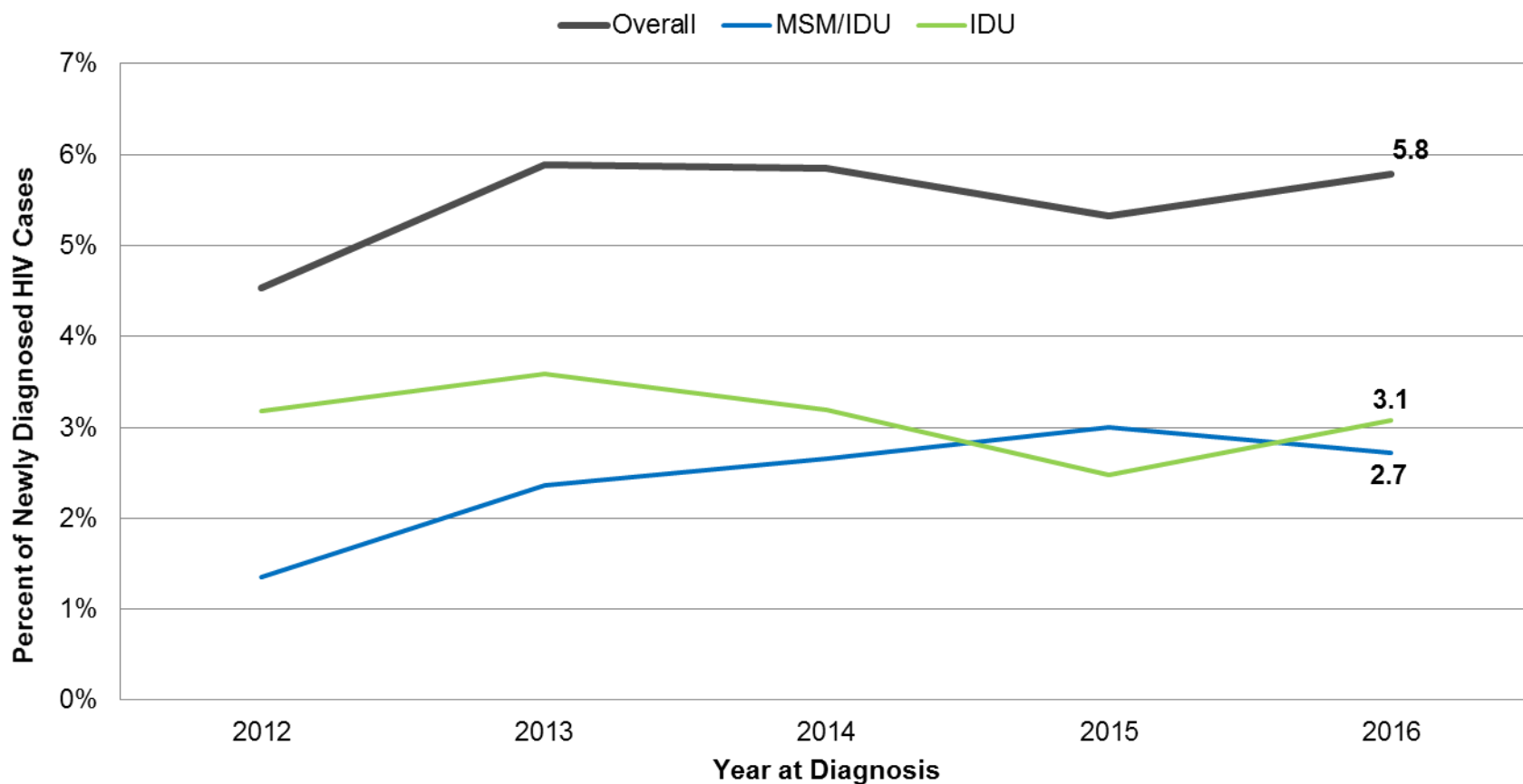
[^]Unknown risk has been redistributed.

^{^^}Defined as individuals reporting heterosexual contact with a known HIV-positive or high-risk individual and cases redistributed into the heterosexual classification from the "unknown" risk group. People exposed to HIV through injection drug use (IDU) are excluded.

*Non-Hispanic/Latino.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2017).

Newly Diagnosed HIV among Adults and Adolescents (13 years and older) Exposed through Injection Drug Use (IDU)^ by Gender, North Carolina 2012-2016



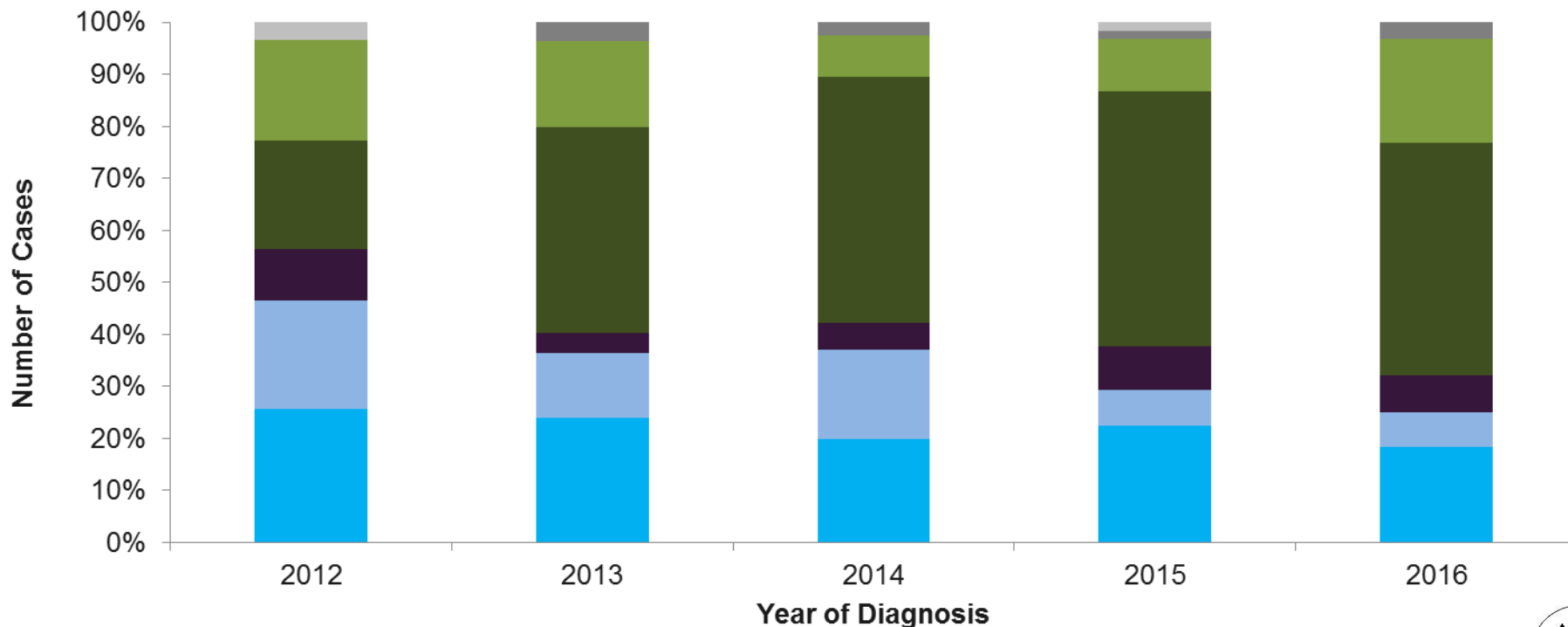
^Unknown risk has been redistributed. This includes people classified as MSM/IDU.

*Non-Hispanic/Latino.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2017).

Newly Diagnosed HIV among Adults and Adolescents (13 years and older) Exposed through Injection Drug Use (IDU)^ by Gender and Race/Ethnicity, North Carolina 2016

■ Black/African American Men* ■ Black/African American Women* ■ Hispanic/Latino-Men
■ Hispanic/Latina-Women ■ White/Caucasian-Men* ■ White/Caucasian-Women*
■ Other-Men** ■ Other-Women**



^Unknown risk has been redistributed. This includes people classified as MSM/IDU.

*Non-Hispanic/Latino.

**Includes American Indian/Alaska Native, Asian/Pacific Islander, and Multiple Race.

Data Source: enhanced HIV/AIDS Reporting System (eHARS) (data as of June 27, 2017).

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